



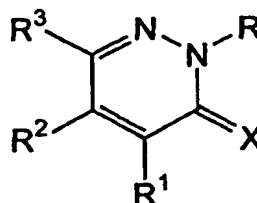
## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(21) International Application Number: PCT/US99/25234		(72) Inventors: BLACK, Lawrence, A.; 1173 Tamarack Lane, Libertyville, IL 60048 (US). BASHA, Anwer; 41 Heron Road, Lake Forest, IL 60045 (US). KOLASA, Teodozyj; 118 Walden, Lake Villa, IL 60046 (US). KORT, Michael, E.; 507 N. Green Avenue, Lake Bluff, IL 60044 (US). LIU, Huaqing; 2230 Apple Hill Court S, Buffalo Grove, IL 60089 (US). MCCARTY, Catherine, M.; 430 Park Avenue, Highland Park, IL 60035 (US). PATEL, Meena, V.; 605 W. Madison Street, Chicago, IL 60661 (US). ROHDE, Jeffrey, J.; 1621 Ridge Avenue, Evanston, IL 60201 (US). COGHLAN, Michael, J.; 307 Fairfax Lane, Grayslake, IL 60030 (US). STEWART, Andrew, O.; 1289 Thornbury Lane, Libertyville, IL 60048 (US).	
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(71) Applicant: ABBOTT LABORATORIES [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).		Published With international search report.	

(54) Title: PROSTAGLANDIN ENDOPEROXIDE H SYNTHASE BIOSYNTHESIS INHIBITORS

## (57) Abstract

The present invention describes pyridazinone compounds of formula (I) which are cyclooxygenase (COX) inhibitors, and in particular, are selective inhibitors of cyclooxygenase-2 (COX-2). COX-2 is the inducible isoform associated with inflammation, as opposed to the constitutive isoform, cyclooxygenase-1 (COX-1) which is an important "housekeeping" enzyme in many tissues, including the gastrointestinal (GI) tract and the kidneys. The selectivity of these compounds for COX-2 minimizes the unwanted GI and renal side-effects seen with currently marketed non-steroidal anti-inflammatory drugs (NSAIDs).



(I)

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